



Why School Systems? The Rise of Ransomware in Public Schools

Due to their wealth of data and limited budget for cybersecurity staff and training, schools have drawn the eye of hackers. Experts recommend backing up data and investing in cybersecurity training and preparedness.

'It will save lives,' Columbia First Responders receive new communication technology

The new system will include connected cameras, drones, vehicle routing, and much more. It will also establish communication lines in case phone lines go down.

Phynd-ing physicians at your fingertips faster!

Omaha-based health tech company, Phynd Technologies, transforming care delivery networks with a consumer-centric provider information platform that promises to reduce health care system costs while increasing revenue.

The Key Difference Between VPN and Virtualization

Here, we'll explore exactly what both VPNs and virtualization involve – and look at the key differences between the two technologies.

New tool helps the visually impaired surf the web

A new tool aims to help the visually impaired better browse the internet using high-tech speakers and a virtual assistant. Voice Exploration, Retrieval and Search (VERSE) merges elements of screen readers and voice assistants to create an instrument that eases the task of Googling.

Cyber Safety for Students

There are simple steps that can help students stay safe while using their internet-connected devices. The Cybersecurity and Infrastructure Security Agency (CISA) recommends these resources for more information on cyber safety for students.

How One City Saved \$5 Million by Routing School Buses with an Algorithm

The Boston Public School District held a contest to determine the best solution for busing around 25,000 students to school every day. The winning algorithm improved the efficiency of the routes in 30 minutes.

Take these 5 critical steps to protect yourself from cybercrime

Your data, private information, and finances are under attack. These are the key ways to fight back.

West Virginia University Researches Telehealth Benefits

A researcher at the state university has launched a pilot program to help nurses in remote sections of the state manage, and even prevent, deadly conditions like heart disease, chronic lower respiratory disease and stroke.

Is a Backpack the Key to Closing the Homework Gap?

Tech companies and K–12 school leaders are turning to next-generation IoT devices to increase home internet access for students.

BroadbandNow Says 'Conduit Later' Approach Cost Billions

Deployment advocate BroadbandNow said Congress squandered a chance to cut the cost of broadband buildouts by 90%, and offers some reasons why legislators have seemed not to dig "dig once" bills, at least enough to pass them.

Illinois to Invest \$420M in Broadband for Rural Telehealth, Education

The state of Illinois is investing \$420 million in broadband infrastructure to bring telehealth, education, and economic development to rural areas, Governor JB Pritzker announced August 15.

Average Wireline Broadband Data Usage Up 25% to 271GB

The average wireline broadband subscriber used 271 gigabytes a month of data in the second quarter, up around 25% year over year, according to a new OpenVault report. The Hoboken, New Jersey-based company, which creates software tools and analysis for broadband suppliers, ties a close correlation for the rapid increase to, of course, cord cutting.

Alabama Student Among First to Attend Class Via Robot

A Limestone County elementary student, who is participating in a homebound education program due to a medical condition, has been provided with a telepresence robot to help her keep up with class work.

Helping close the connectivity gap in the classroom

President Herbert Hoover is famous for saying, "Children are our most valuable natural resource." If we can agree this is true, then it only makes sense that we should invest in children and particularly in rural and underserved communities where the lack of access to broadband could have an exponential impact on the viability of communities and the quality of life these children can expect.



BROADBAND STRONG: Delivering **FLEXIBLE** broadband and **FAST** experiences to meet the growing broadband needs of education, government, public safety, and healthcare in Iowa.

Connect with Broadband Matters at: broadbandmatters.com
twitter.com/BroadbandIowa | facebook.com/BroadbandMattersIowa